

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 1015 | (438/700).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/24 11:42 |
| S4 | 1572 | ((pd<="20031204") and (trench) and (corner) and (round\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/26 07:56 |
| S5 | 1969 | ((ad<="20031204") and (trench) and (corner) and (round\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/29 15:33 |
| S6 | 791 | ((ad<="20031204") and ((trench) same (corner) same (round\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/29 14:23 |
| S7 | 83 | ((ad<="20031204") and (((trench) same (corner) same (round\$3)).TI.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/26 09:48 |
| S8 | 681 | ((ad<="20031204") and ((trench) same (corner) same (round\$3)) and (thermal oxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/26 10:42 |
| S9 | 117 | ((ad<="20031204") and ((trench) same ("top corner") same (round\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 09:38 |
| S11 | 1502 | ((ad<="20031204") and (trench) and (corner) and (round\$3) and (oxid\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/29 15:34 |
| S12 | 3091 | ((ad<="20031204") and (trench) and (top corner) and (round\$3) and (oxid\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/29 15:34 |
| S13 | 160 | ((ad<="20031204") and (trench) and ("top corner") and (round\$3) and (oxid\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/29 15:35 |

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| S17 | 14 | "LEE, K H" and (semiconductor) and (trench\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 08:18 |
| S18 | 65498 | (silicon) and (isolation) and (oxide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 08:52 |
| S19 | 58840 | (silicon) and (isolation) and (oxide) and (@ad<="20031204") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 08:53 |
| S20 | 366 | (silicon) and (isolation) and (oxide) and (@ad<="20031204") and ("top corner") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 10:33 |
| S21 | 79 | (silicon) and (isolation) and (oxide) and (@ad<="20031204") and ("top corner") and (bird\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 12:01 |
| S22 | 56000 | (trench) and (etch\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 12:03 |
| S23 | 28681 | (trench) and (etch\$3) and (isolation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 12:05 |
| S24 | 6682 | (trench) and (etch\$3) and (isolation) and (LOCOS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 12:05 |
| S25 | 6628 | (trench) and (etch\$3) and (isolation) and (LOCOS) and (oxid\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 12:06 |
| S26 | 4365 | ((trench) same (etch\$3)) and (isolation) and (LOCOS) and (oxid\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 12:07 |
| S27 | 2612 | ((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:04 |

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| S28 | 91 | ((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and ("top corner") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:10 |
| S29 | 6250 | ("bird beak") or ("bird's beak") and (oxide) and (trench) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 13:09 |
| S30 | 6250 | ("bird beak") or ("bird's beak") and (oxide) and (trench) and (isolation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 13:10 |
| S31 | 173704 | ("438"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 13:11 |
| S32 | 2201 | ("438"/\$.ccls.) and ("252"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 13:12 |
| S33 | 448925 | ("438"/\$.ccls.) or ("252"/\$.ccls.) or ("216"/\$.ccls.) or ("156"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 13:14 |
| S34 | 3251 | S30 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 13:15 |
| S35 | 686 | S34 and (:top corner) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 13:16 |
| S36 | 1670 | S34 and (top corner) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 15:59 |
| S39 | 448925 | ("438"/\$.ccls.) or ("252"/\$.ccls.) or ("216"/\$.ccls.) or ("156"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:07 |
| S40 | 2142 | ((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and (boron) near2 (silicate) or (BSG) and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:09 |

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| S41 | 1 | ((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and ("top corner") and ((boron) near1 (silicate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:11 |
| S42 | 13 | ((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and ((boron) near1 (silicate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:24 |
| S43 | 4 | (masking) near3 ((boron) near1 (silicate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:24 |
| S44 | 13 | ((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and ((boron) near1 (silicate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 09:08 |
| S45 | 13 | S44 and ((bsg) or (boron)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 09:08 |
| S46 | 11 | (@ad<="20030904") and ((trench) same ("top corner") same (round\$3)) and ((bsg) or (boron)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 09:46 |
| S47 | 1257 | (@ad<="20030904") and ((trench) and (round\$3)) and ((bsg) or (boron)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 09:47 |
| S48 | 293 | (@ad<="20030904") and (trench) and ((round\$3) same (corner)) and ((bsg) or (boron)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 15:03 |
| S49 | 16 | (@ad<="20030904") and (trench) and ((round\$3) same (corner)) and (((bsg) or (boron)) same ("hard mask")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 14:36 |
| S50 | 481 | (@ad<="20030904") and (((bsg) or (boron)) same ("hard mask")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 09:59 |
| S51 | 2 | ("5719085").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 12:46 |

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| S52 | 2516 | (shallow.ti.) and (trench.ti.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 12:47 |
| S53 | 2122 | (shallow.ti.) and (trench.ti.) and (isolation.ti.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 12:48 |
| S54 | 2007 | (@ad<="20030904") and (shallow.ti.) and (trench.ti.) and (isolation.ti.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 12:54 |
| S55 | 95 | (@ad<="20030904") and (shallow.ti.) and (trench.ti.) and (isolation.ti.) and ((RTO) or ((rapid) adj1 (thermal))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 12:57 |
| S56 | 15 | (@ad<="20030904") and (shallow.ti.) and (trench.ti.) and (isolation.ti.) and ((RTO) or ((rapid) adj1 (thermal) adj (oxidation))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 12:57 |
| S57 | 2 | ("20050026382").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 14:36 |
| S58 | 131 | (@ad<="20030904") and (trench) and ((round\$3) same (corner)) and ((bsg) or (boron)) and ((HF) or (hydrofluoric)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 15:04 |
| S59 | 3 | (@ad<="20030904") and (trench) and ((round\$3) same (corner)) and ((bsg) or (boron)) and ((HF) or (hydrofluoric)) and ((EG) or (glycol)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/23 15:04 |